

# 2009 Education and the Environment Initiative Curriculum Review - Instructional Materials Reviewer (IMR) Applicants - Cohort 1

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## Applicant Information

ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
101	1	IMR	Marilyn	McLoughlin	North	North Monterey County Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Teacher on Special Assignment-Coordinator of Interventions/Enrichments							

## Biography

- Academic: B.S., State University of New York, Geneseo; various colleges - graduate classes in marine/natural/environmental topics; Life Multiple Subject Credential K-8; Language Development Specialist Credential.

- Areas of Expertise: Teacher (self-contained classrooms), grades K-5; District Science Mentor; worked on two district science materials adoptions; Interpretive Guide for 24 years at the Elkhorn Slough National Estuarine Research Reserve (ESNERR) specializing in youth tours/education.

- Training/Experience: ESNERR - co-developed teacher training handbook/conducted teacher training workshops, currently Docent Representative, Docent Council President-2006/1994/1986, Interpretive Guide for 24 years - monthly training on various environmental topics; Wind River Mountain Studies - effects of acid rain on indicator invertebrate and plant species; Castroville School - coordinated recycling; Girl Scouts - used Outdoor Biological Instructional Strategies (OBIS) and Project WILD, planned/conducted national Girl Scout Wider Opportunity/Council events using ESNERR to teach environmental issues; Upjohn Teacher Institute - prairie grass environments; Monterey Bay Teacher Institute - marine and desert environments.

- Prior Standards/Curriculum Committee Service: Instructional Materials Advisory Panel (IMAP) - 1999/2006 Science Primary Adoptions.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
102	1	IMR	AI	Rocca	North	California State University Monterey Bay CalState Teach Prog.	
<b>Position</b> CalState Teach: Faculty Advisor for students in Shasta, Trinity, and Tehama counties Shasta College: United States History Instructor (part-time)						<b>Additional Employers (If Applicable)</b> Shasta College	

### Biography

- Academic: Ph.D. History, University of California, Davis; M.S. Teaching Credential, M.A. Geography, B.A. Social Science-all from San Jose State University.

- Areas of Expertise: Teacher - United States History, grade eight (16 years); Teacher - United States History, Shasta College (25 years, part-time).

- Training/Experience: M.A. in geography included numerous classes in environmental issues and programs/thesis on viticulture and proposed environmental impact on Napa and Sonoma counties; Professor of Education, Simpson University - liaison for the Great Expectations in Science and Math (GEMS) outreach program - included environmental component; Project WILD - uses Project WILD lessons with credentialing students in their university classes/student teaching classes; Schrader Planetarium - consultant developing environmental curricula; Washington State University - summer institute on sea life and endangered shorelines.

- Prior Standards/Curriculum Committee Service: Member - 1987 History-Social Science Framework Committee; History-Social Science Standards - reviewed standards/checked alignment to the Framework; IMAP - 2005 History-Social Science Primary Adoption.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
103	1	IMR	Marianne	O'Grady	North	San Francisco Friends School	Rcd. \$300 to review one Education and the Environment Initiative (EEI) curriculum unit - Kindergarten, K.3.a.
<b>Position</b> 2nd Grade Teacher; Science Coordinator						<b>Additional Employers (If Applicable)</b>	

### Biography

- Academic: M.S. Education, Wheelock College; B.S. Education, Fitchburg State College; California Multiple Subject Teaching Credential; Massachusetts Early Childhood Education (K-3) Certification.

- Areas of Expertise: Teacher/Science Coordinator, grades K-5; Graduate/Undergraduate Professor Curriculum and Instruction, University of San Francisco/Bay Area Teacher Training Institute - training teachers in science methodology.

- Training/Experience: Solar School House, 2006; BP A+ for Energy Grant Recipient; National Energy Education and Development (NEED) training.

- Prior Standards/Curriculum Committee Service: Assessment Review Panel - Standardized Testing and Reporting (STAR) Science Exam; IMAP - 2006 Science Primary Adoption.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
104	1	IMR	Jane	Yuster	North	Alameda County Office of Education	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
K-12 Science Coordinator							

### Biography

- Academic: M.A. Educational Leadership Candidate/Tier One Administrative Credential (in process), Notre Dame de Namur University; B.A. Psychology/Biology, Washington University; Multiple Subject Cross-Cultural Language and Academic Development (CLAD) Credential - emphasis: Science.

- Areas of Expertise: Science Coordinator, grades K-12; Teacher - Life Science (grade 7), Physical Science (grade 8), Social Studies (grades 7, 8); In-School Coach - Earth Science (grade 6), Teacher - English Language Development, middle school students (intermediate and above); Director - East Bay Science Project; Board Member - Chabot Space and Science Center.

- Training/Experience: Exploratorium - courses in environmental science; Pacific Gas and Electric Company (PG&E) Bright Ideas Grant Recipient - students designed and presented ideas for a "green" city; Supervised/coached students - projects dealing with solar, wind, and hydrogen fuel cells; created/coached two science fairs and one bilingual science night - projects on environmental issues.

- Prior Standards/Curriculum Committee Service: district science adoptions; Industry Initiatives for Science and Math Education (IISME) fellow - created standards-aligned aeronautics curriculum for grades 5-8; consulting author/reviewer - Holt Physical Science textbook, grade 8.

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105	1	IMR	Frances	Krausman	South	Fullerton School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Teacher - grades K-6 (retired); Science Staff Development Trainer; Substitute Teacher; Peer Assisted Review (PAR) Support Provider; Science Advisor for Low Performing School							

### Biography

- Academic: B.S. American Studies, M.S. Instruction and Curriculum - California State University, Fullerton; M.A. Mathematics and Science Education (in process), Fresno Pacific College; Standard Elementary Teaching Credential; California Life Teaching Credential.

- Areas of Expertise: Elementary Teacher (all subjects) - grades K-6; Elementary Science - grades K-6; Curriculum Development - Fullerton Arboretum Botany Lessons/Field Studies, District Science Curriculum Manual, Thomas Brothers Educational Foundation Photo History Book, Maritime Center of Excellence Ocean Camp, Nystrom California Geography Materials.

- Training/Experience: Project WILD/Project WILD Aquatic - facilitator; Project Learning Tree; Fullerton Arboretum - Children's Environmental Education Program (CEEP).

- Prior Standards/Curriculum Committee Service: school district science curriculum development (correlation to standards); Achievement-Improving Mathematics and Science (AIMS) Project - lesson development; California Standards Tests (CSTs) - standards correlation; IMAP - 2006 Science Primary Adoption.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
106	1	IMR	Shaney	Emerson	North	The Forest Foundation	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Education Director, The Forest Foundation							

### Biography

- Academic: B.S. Biology, Humboldt State University; Single Subject Teaching Credential Secondary Science; CLAD.

- Areas of Expertise: High School Science Teacher - Biology/Earth Science/Advanced Placement Environmental Science/ Forestry/Natural Resources; Education Director, The Forest Foundation - environmental education materials (grades K-12).

- Training/Expertise: Teacher - five years of science teaching experience; participated in environmental education activities including: Watershed Education Summit/California Forestry Challenge/California Envirothon/Ano Nuevo - marine biology field trips/Auburn State Parks - Global Positioning System (GPS) metal debris in Middle Fork of the American River; Forest Foundation - develop/distribute environmental education materials for teachers/students in grades K-12, gives classroom presentations on forest ecology/natural resource management; Project Learning Tree - serves on the Advisory Board; Natural Resources Department, Shasta College - member of the Advisory Board.

- Prior Standards/Curriculum Committee Service: none

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107	1	IMR	Georgia	Rudin	South	Ontario-Montclair Elementary School District	Rcd. \$300 to review one EEI curriculum unit - first grade, 1.2.d.
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Retired Teacher - 6/27/08							

### Biography

- Academic: B.A. Math, LaVerne College; Primary Reading Credential, University of California, San Bernardino; English Learner Advisory Committee (ELAC) Reading Training; various colleges - 70+ units.

- Areas of Expertise: Teacher (38 yrs.) - grades K, 1; curriculum writing/teacher training in the areas of science, math, visual arts.

- Training/Experience: Ontario-Montclair Elementary School District (OMESD) - participated in curriculum writing for science, science mentor.

- Prior Standards/Curriculum Committee Service: IMAP - 2006 Science Primary Adoption; OMESD - curriculum guidance committees, science selection committee, elementary representative to the National Science Education Resource Center: Leadership and Assistance for Science Education Reform, Smithsonian Institute.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
108	1	IMR	Emelina	Emaas	North	Sacramento City Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
High School Teacher							

### Biography

- Academic: B.S. Education (major: Biology, minor: English), Far Eastern University, Philippines; M.A. Education (major: Educational Management), Annunciation College, Philippines; Ed.D. Education (major: Educational Management), Bicol University, Philippines; Preliminary Single Subject Teaching Credential (clear in process) - Biological Sciences; CLAD.

- Areas of Expertise: Teacher (since 2002) - Biology/Physical Sciences (grades 7-12); Philippines - High School Science Teacher (14 yrs.), Secondary School Head Teacher (9 yrs.), Education Supervisor in Science (4 yrs.).

- Training/Experience: Philippines - attended trainings/workshops addressing environmental education including: Environmental Protection Training Program/Saving the Mother Earth/Watershed Protection/Clean Air Program/Solid Waste Management/Green Revolution/Global Warming Initiatives; California - implements the Clean Air Act Program.

- Prior Standards/Curriculum Committee Service: Member - committee to develop the Desired Learning Competencies for Science I-IV (high school science curriculum).

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109	1	IMR	Andrew	Coblentz	North	Jefferson Elementary School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Teacher							

## Biography

- Academic: J.D. Hastings College of Law, B.S. Biology of Natural Resources, University of California, Berkeley; Multiple Subjects Teaching Credential; Supplementary Authorization-Science; Bilingual Crosscultural Language and Academic Development (BCLAD) Spanish.

- Areas of Expertise: Science Teacher - 5th grade (chemistry/weather/the solar system/animal and plant structure and systems) and 6th grade (plate tectonics/landform creation/energy/renewable and nonrenewable energy sources/ecology); Social Studies Teacher - 5th grade (early Native Americans/New World explorers/colonial America/the American Revolution) and 6th grade (ancient civilizations/the evolution of democracy).

- Training/Experience: Exploratorium Teacher Institute - workshops addressing environmental education concepts; Fort Funston/Half Moon Bay State Beach - plant restoration projects; San Mateo County RecycleWorks Agency - \$2,500 grant to fund purchase of over 400 reusable metal bottles; designing outdoor environmental education mini-amphitheater.

- Prior Standards/Curriculum Committee Service: served on district committees for the review/adoption of mathematics/science instructional materials; field test of 6th grade earth sciences curriculum developed by the Science Education for Public Understanding Program (SEPUP) - Lawrence Hall of Science.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
110	1	IMR	Robert	Sherriff	North	San Juan Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Science Teacher							

## Biography

- Academic: B.S. Biology (minor: Environmental Ethics), Humboldt State University; Single Subject Life Science Credential; Multiple Subject Credential; Supplemental Credentials in Introductory Physical Science/General Science/Mathematics.

- Areas of Expertise: Science Teacher (17 yrs.) - Ecology/Earth Science (grade 6), Life Science (grade 7), and Physics/Chemistry (grade 8).

- Training/Experience: Environmental Education Program - gave school presentations on environmental themes; worked at an outdoor environmental school; completed various training - Project WILD/Project Aquatic WILD/Adopt-a-Watershed/Great Expectations in Science and Math (GEMS) Global Warming/Clean Air Challenge; International Baccalaureate Program - embedded the "Area of Interaction - Environment" into standards-based curriculum (student projects on sustainability/understanding endangered species/science ethics); annual week-long ecology field trips; currently working on Explore and Restore the Creek curriculum; 2002-2008 - judge for Disney's Environmentality Challenge.

- Prior Standards/Curriculum Committee Service: Science Department Chair - involved in district and site based reviews of instructional materials; California Science Project - as staff developer helped teachers to evaluate instructional materials for their districts.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
111	1	IMR	Cheryl	Frye	South	Menifee Valley Middle School	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Middle School Science Team Lead/Teacher							

### Biography

- Academic: B.S. Biology, California State Polytechnic University, Pomona; B.S. Elementary Education, University of Utah; M.A. Educational Psychology (all but thesis), University of California, Riverside; Multiple Subject Teaching Credential.

- Areas of Expertise: Middle School Science Teacher (12 yrs) - Earth/Life/Physical Sciences/Science Team Leader; Environmental Science Competitions - through the University of Southern California, Quicksilver Corporation and Edison Corporation.

- Training/Experience: used and been trained in Project Learning Tree (program of the American Forest Foundation/the Council for Environmental Education) and Project WILD.

- Prior Standards/Curriculum Committee Service: IMAP - 2006 Science Primary Adoption.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
112	1	IMR	Tricia	Radojcic	South	Temecula Valley Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Science Teacher - grade 7							

### Biography

- Academic: Ph.D. Neuroscience, University of Salford, Great Britain; B.S. Zoology, University of Maryland; Single Subject Credential - Life Sciences; CLAD.

- Areas of Expertise: Teacher - Life Science (grade 7), Physical Science (grade 8); Science Resource Teacher (elementary level) - Earth/Life/Physical Science; High School Teacher - freshman/sophomore Integrated Science Course (life/physical/earth/environmental sciences); college coursework - strong background in Life Sciences (zoology/histology/anatomy/physiology).

- Training/Experience: teaching - environmental education at several levels, high school integrated science course on multiple facets of ecological principals in marine science, Science Resource Teacher - implemented "A Child's Place in the Environment," California Science Implementation Network (CSIN) training - addressed ecological issues at the elementary level; Scripps Institute/local museums - lectures on environmental issues.

- Prior Standards/Curriculum Committee Service: Content Review Panel (CRP) - 2006 Science Primary Adoption; district text book selection processes 2000/2007; member - committee to establish standards-aligned pacing guides; developed 7th grade semester finals.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
113	1	IMR	Debora	Contreras	South	Chino Valley Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Teacher - grade 6							

## Biography

- Academic: M.S. Education, California State University, Fullerton; B.A. Elementary Education, Oakland University, Michigan; Standard Elementary Credential in Social Science, Minor in Mathematics/Biological Sciences (grades K-9).

- Areas of Expertise: Science/Social Studies Teacher (33 years) - grades 1, 2, 4, 5, 6, currently teaches 6th grade; Continuation High School Teacher (night school program) - taught Earth Science/Physical Science/Biology I and II.

- Training/Experience: Workshops - Project WILD/Project WET/Saturday Program for Teachers (composting/maintaining school gardens); attended 17 Outdoor Education Programs on environmental education; field trips for 6th grade students - one day environmental education program sponsored by the Wildlands Conservancy in Oak Glen, California; participated in project sponsored by General Electric to educate students on the use compact fluorescent light bulbs.

- Prior Standards/Curriculum Committee Service: IMAP - 2005 History-Social Science Primary Adoption; served on Chino Valley Unified School District's Curriculum Council; member of adoption committees for science/mathematics/language arts/history-social science; developed pacing/curriculum guides, student-friendly state standards/benchmark exams for current sixth grade history-social science materials; assisted in writing multiple measures/curriculum guides for the district in the areas of history-social science/mathematics/physical education/language arts.



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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
114	1	IMR	Linda	Anderson	South	Moorpark Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Teacher							

### Biography

- Academic: M.A. Education, Pepperdine University; B.A. Political Science, California State University, Bakersfield; National Board Certification - English as a New Language.

- Areas of Expertise: Teacher - self-contained classroom (grades 1-5); Science Specialist - developed/implemented science curriculum (magnet school, grades K-5); Team Lead, National Aeronautics and Space Administration (NASA) Explorer School - promoted NASA's educational goals/objectives within the school community.

- Training/Experience: Teacher Environment Adventure Watershed Training and Education; Geographic Information Systems Training for Educators - integrating GPS and computer technology; NASA Explorer School team member - in depth study of earth and space; History of Winter - study of the earth's geology in Lake Placid.

- Prior Standards/Curriculum Committee Service: none

### Applicant Information

ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
115	1	IMR	Sara	Brown	North	Foodscape	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Foodscape Founder/Director of Development							

### Biography

- Academic: M.A. International Economics and Latin American Studies, Johns Hopkins University; B.A. History and Italian Studies, University of California, Santa Barbara.

- Areas of Expertise: International Economics, Latin American History, World History, European History, United States History; Teacher - self-contained classroom - Science/Math/Language Arts/Social Studies/Reading (grade 6), Substitute Teacher - all subjects (grades K-12).

- Training/Experience: Founder/Director of Foodscape - creates educational opportunities about sustainable agriculture, nutrition, and cooking and addresses issues such as: genetically modified organisms (GMOs), monoculture, pesticide use, crop diversity, climate change, and the carbon footprint of food production (pilot program Fall 2008 - 7th grade science classes Carquinez Middle School).

- Prior Standards/Curriculum Committee Service: none

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
116	1	IMR	Lisa	Perry	North	Humboldt State University	California Forest Products Commission - employee, worked on Education and the Environment Initiative as part of assigned duties.
Position						Additional Employers (If Applicable)	
Student Services Professional II							

### Biography

- Academic: B.S. Social Science, California State University, Sacramento; Single Subject Teaching Credential - Social Science, Supplemental - English.

- Areas of Expertise: Teacher - History, Economics (grades 11, 12), Environmental Education (grades K-12).

- Training/Experience: Project Learning Tree - presented training; Talk About Trees - attended/administered facilitator training; Forestry Institute for Teachers - attended/presented; The Forest Foundation - administered/delivered K-12 programs.

- Prior Standards/Curriculum Committee Service: IMAP - 2006 Science Primary Adoption; Education Director of the California Forest Products Commission and The Forest Foundation - responsible for various projects involving curriculum, lesson plans, and other educational resources in their environmental education programs.

### Applicant Information

ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
117	1	IMR	Geoffrey	Bromfield	North	Merced City School District	Rcd. \$300 to review one EEI curriculum unit - 6th grade
Position						Additional Employers (If Applicable)	
Teacher - grade 8							

### Biography

- Academic: B.A. History, University of the Pacific; Multiple Subject Credential, Other credentials: Life Science and Social Science.

- Areas of Expertise: Teacher - Science (grades 6-8), Social Science (grade 6).

- Training/Experience: involved with both the Delta-Sierra Science Project and Long Barn Water Board; has taught environmental science last four years; Environmental Club faculty advisor - project on local watershed and how the environment is impacted by pollution, development, and conservation.

- Prior Standards/Curriculum Committee Service: IMAP - 2006 Science Primary Adoption.

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118	1	IMR	Mary	Kahl-Redman	North	Natomas Unified School District	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Teacher							

### Biography

- Academic: M.A. Education, University of California, Riverside; B.A. Psychology, University of California, Riverside; Single Subject Clear Credential, Life Science; Supplemental Authorizations in Physical/General Science.

- Areas of Expertise: Junior High School Teacher (12 yrs.) - taught Life/Physical/Earth/Health sciences and elective courses in Marine Biology/Young Scientists (independent study/science fair); High School Science Teacher (11 yrs.) - taught Integrated Science/Environmental Science/Biology/Honors Biology/Advanced Placement (AP) Environmental Science; current assignments are college-prep Biology and AP Environmental Science.

- Training/Experience: Middle School - taught environmental science units; High School - taught Environmental Science and AP Environmental Science; California Science Project for Environmental Science - was a fellow of the first cadre; Middle School Environmental Science Curriculum - trainer; AP Institutes in Biology and Environmental Science - attendee; California Science Teachers Association (CSTA) - attended outdoor education seminars.

- Prior Standards/Curriculum Committee Service: California Science Implementation Network (CSIN) - Staff Developer; Science Mentor Teacher/Staff Developer - led the science textbook adoption/curriculum alignment process; current member of district's Curriculum Committee.

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ID	Cohort	CRE/IMR	First Name	Last Name	Region	Employer	Potential Conflict of Interest
119	1	IMR	Tascha	Barnes	North	Oakland Technical School	
<b>Position</b>						<b>Additional Employers (If Applicable)</b>	
Chemistry Teacher							

### Biography

- Academic: M.A. Marine Science, San Jose State University (Moss Landing Marine Labs); B.A. Aquatic Biology, UC Santa Barbara; Secondary Science Teaching Credential.

- Areas of Expertise: High School Teacher - currently teaches general Chemistry to sophomores, juniors, seniors (three yrs.); Middle School Teacher - taught Life and Physical Science.

- Training/Experience: Masters and teacher training in Marine Science through Moss Landing Marine Labs; Middle/High School Teacher - taught Biology/Marine Biology/General Physical Science/General Chemistry/Chemistry for second language students; Training - University of California, Berkeley - nanoscience education, Lawrence Livermore Labs/University of California, Davis - energy and environment training, California Institute of Biodiversity/Moss Landing Marine Center - integrating environmental curriculum in secondary education.

- Prior Standards/Curriculum Committee Service: none